

AMENDMENTS TO THE CLAIMSListing of claims:

1. (Currently amended) A secure communications method, comprising:
providing a modem capable of storing identifying indicia unique to the modem,
wherein the identifying indicia includes graphics data; and
providing communications software stored within the modem, capable of
transmitting identifying indicia to a communications line.
2. (Original) The secure communications method of claim 1, wherein the
modem stores the identifying indicia integral to the modem.
3. (Original) The secure communications method of claim 2, wherein the
identifying indicia comprises bits accessible by processing circuitry of the modem in a
read operation, the process circuitry reading the bits prior to causing the bits to be
transmitted over the communications line.
4. (Original) The secure communications method of claim 3, wherein the bits
are stored within a memory array.
5. (Original) The secure communications method of claim 1, comprising a
process for permanently fixing the identifying indicia in circuitry of the modem.
6. (Original) The secure communications method of claim 5, wherein the
process for permanently fixing comprises blowing fuses.
7. (Original) The secure communication method of claim 5, further comprising
encrypting the identifying indicia prior to causing the identifying indicia to be transmitted
over the communications line.

8. (Original) The secure communications method of claim 1, wherein the identifying indicia are stored in the modem within a memory associated with a program memory of the modem.
9. (Currently amended) The secure communications method of claim 7 8, wherein the identifying indicia are writable only when the program memory is overwritten.
10. (Original) The secure communications method of claim 9, wherein the identifying indicia are formatted as compressed graphics data.
- Al 11. (Currently amended) A secure communications modem, comprising:
a program memory adapted to store a program controlling aspects of modem operation; and
a processor, coupled to the program memory, the processor executing at least a portion of a program stored in the program memory to control at least an aspect of modem operation,
the program adapted to cause the processor, under control of the program, to read identifying indicia stored integrally within the modem and communicate the identifying indicia to a host communicating with the modem, wherein the identifying indicia includes graphics data.
12. (Original) The modem of claim 11, wherein the identifying indicia are stored in an indicia memory physically or logically adjacent the program memory.
13. (Currently amended) The modem of claim 11, wherein the identifying indicia are stored in an indicia memory, the indicia memory writable only when ~~a substantial portion~~ of the program memory is written.
14. (Original) The modem of claim 11, wherein the identifying indicia are stored permanently within the modem.

Docket No.: 42P12216

15. (Original) The modem of claim 11, further comprising means for encrypting the identifying information prior to communicating the identifying information to the host.

16. (Original) The modem of claim 14, further comprising means for encrypting the identifying information prior to communication the identifying information to the host.

17. (Original) The modem of claim 15, wherein the identifying indicia are stored within a write once memory array and are accessible in a register read operation by the processor.

18. (Original) The modem of claim 14, wherein the identifying indicia identify an aspect of a financial transaction account.

19. (Original) The modem of claim 11, wherein the identifying indicia include an account number for a financial transaction account.

20. (Original) The modem of claim 11, wherein the identifying indicia are stored in nonvolatile memory within the modem.

21. (Original) The modem of claim 20, wherein the identifying indicia are stored in a compressed format.

22. (New) The secure communications method of claim 1, wherein the identifying indicia includes an image of a credit card.

23. (New) The secure communications method of claim 1, wherein the identifying indicia includes an image of a signature.

Docket No.: 42P12216
Appl. No.: 09/385,607

Docket No.: 42P12216

24. (New) The secure communications method of claim 1, wherein the identifying indicia includes an image of an account holder.

A2
25. (New) The modem of claim 11, wherein the identifying indicia includes an image of a credit card.

26. (New) The modem of claim 11, wherein the identifying indicia includes an image of a signature.

27. (New) The modem of claim 11, wherein the identifying indicia includes an image of an account holder.

Docket No.: 42P12216
Appl. No.: 09/385,607

7